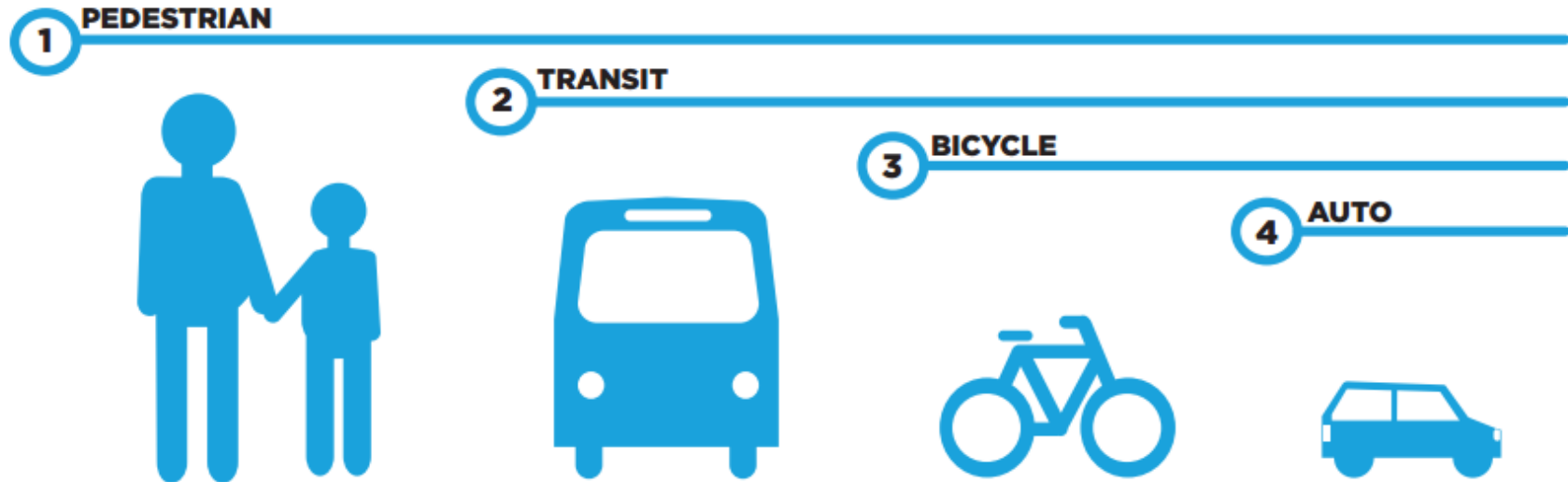




North Ridge Citizens' Association

**Complete Streets Update
April 14, 2014**

Complete Streets



- December 2012 Meeting
 - Complete Streets Overview
 - Review of projects in the neighborhood
 - George Mason Elementary SRtS
 - Monticello and Russell Road intersection

Follow up from December

- Monticello Blvd and Russell Road intersection
 - Paint parking spaces
 - Continue bike lanes



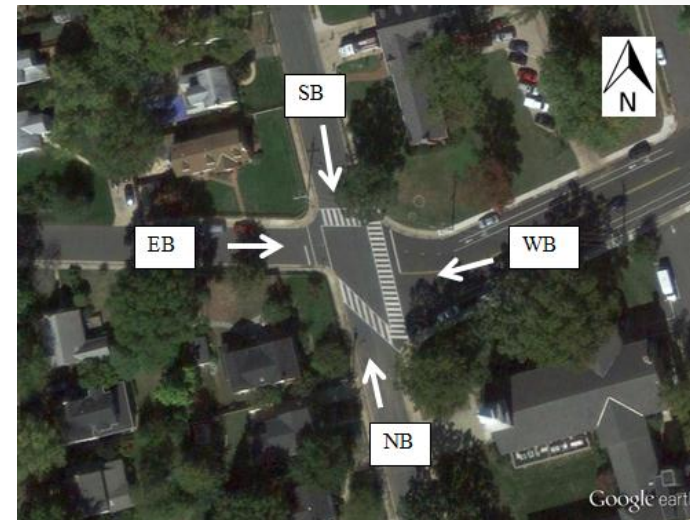
Follow up from December

- Cameron Mills Road at Monticello Blvd intersection redesign
 - Collected data
 - Reviewed request for stop sign
 - Met with Alexandria Fire Department
 - Revised design



Stop Sign Request: Cameron Mills at Monticello Blvd

Time	EB	WB	NB	SB
Interval Start	Mon - Fri Average	Mon - Fri Average	Mon - Fri Average	Mon - Fri Average
12:00 AM	1.0	4.3	2.0	2.3
1:00 AM	1.0	3.5	0.3	0.8
2:00 AM	0.3	1.0	1.3	1.0
3:00 AM	0.0	0.5	0.5	0.3
4:00 AM	1.0	2.0	2.3	2.8
5:00 AM	3.5	6.5	12.8	11.0
6:00 AM	5.5	22.0	29.8	27.8
7:00 AM	19.8	76.5	134.8	83.3
8:00 AM	50.8	103.3	128.8	120.3
9:00 AM	61.7	103.0	81.3	77.3
10:00 AM	30.0	76.0	54.0	53.0
11:00 AM	63.3	88.3	62.0	56.0
12:00 PM	65.3	95.0	89.3	74.0
1:00 PM	48.3	88.0	58.0	49.8
2:00 PM	78.0	95.0	78.8	58.8
3:00 PM	86.0	112.8	102.5	95.0
4:00 PM	76.3	108.8	76.0	77.5
5:00 PM	92.3	137.8	111.0	101.5
6:00 PM	79.5	116.0	86.3	83.3
7:00 PM	63.3	83.8	57.8	62.0
8:00 PM	40.5	50.5	35.8	39.5
9:00 PM	26.3	43.0	20.0	26.3
10:00 PM	13.5	17.0	14.8	16.8
11:00 PM	4.8	5.0	6.5	6.8
Totals	911.6	1439.3	1246.2	1126.6
12:00 AM - 12:00 PM Volume	11:00 AM 63.3	8:00 AM 103.3	7:00 AM 134.8	8:00 AM 120.3
12:00 PM - 12:00 AM Volume	5:00 PM 92.3	5:00 PM 137.8	5:00 PM 111.0	5:00 PM 101.5



Stop sign warrant:

- Major approach = 300 vph for 8 hours
- Minor approach = 200 vph for 8 hours

Russell Road Traffic Calming

- Timeline
 - December 2014 – Met with residents in the field
 - December 2014 – Collected speed data
 - January 2014 – Stop sign study at Monticello Blvd
 - April 2014 – NRCA meeting to discuss options

Russell Road Speeds

Location on Russell Rd	Northeast Bound (Toward Glebe)	Southwest Bound (Toward Monticello)
Kentucky Ave	33.8 mph	32.1 mph
Beverly Drive	32.0 mph	34.6 mph

- 85th percentile speeds = At least 15% of the motorists are driving this speed
- Stop sign warrant was not met





Russell Road Crashes

Date Range: 4/10/2009 To 4/10/2014

Time Range: 0000 To 2400

Geography: Address/Range - 2900-3600 RUSSELL RD

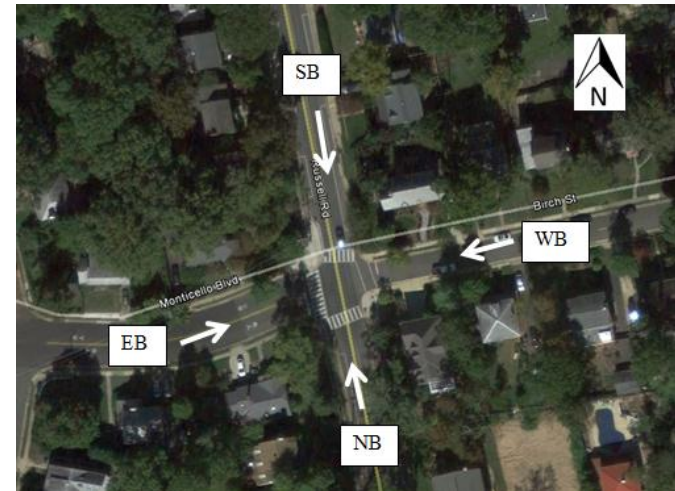
* Other parameters may be limiting the results

Total Accidents: 11

Case#	Accident Date	Accident Time	Location	Day	Event #1
109114912	10-Apr-09	2351	BEVERLEY DR & RUSSELL RD	Friday	ANGLE
111127694	02-Jul-11	0411	2900 RUSSELL RD	Saturday	REAR END
111130276	17-Jul-11	2045	ASPEN ST & RUSSELL RD	Sunday	FIXED OBJECT - OFF ROAD
112104502	04-Feb-12	1351	MOUNT PL & RUSSELL RD	Saturday	REAR END
112104591	05-Feb-12	0030	MACARTHUR RD & RUSSELL RD	Sunday	
112130590	27-Jul-12	1136	MONTICELLO BV & RUSSELL RD	Friday	ANGLE
113118763	16-May-13	1500	MONTICELLO BV & RUSSELL RD	Thursday	BICYCLIST
113134666	25-Aug-13	0949	ASPEN ST & RUSSELL RD	Sunday	ANGLE
113144506	31-Oct-13	1840	BEVERLEY DR & RUSSELL RD	Thursday	PEDESTRIAN
113147638	23-Nov-13	0926	3113 RUSSELL RD	Saturday	ANGLE
114104111	01-Feb-14	1530	ASPEN ST & RUSSELL RD	Saturday	FIXED OBJECT - OFF ROAD

Stop Sign Request: Monticello Blvd & Russell Road

Time	EB	WB	NB	SB
Interval Start	Mon - Fri Average	Mon - Fri Average	Mon - Fri Average	Mon - Fri Average
12:00 AM	0.0	1.0	8.3	11.8
1:00 AM	0.0	0.0	7.0	6.8
2:00 AM	0.0	0.0	6.0	4.0
3:00 AM	0.0	0.0	4.3	3.0
4:00 AM	0.0	0.0	11.0	12.5
5:00 AM	0.5	0.3	42.5	22.8
6:00 AM	1.5	0.8	135.8	63.0
7:00 AM	9.3	3.5	349.3	210.8
8:00 AM	16.3	4.0	507.5	281.8
9:00 AM	10.7	5.3	268.3	164.7
10:00 AM	7.0	4.0	177.7	141.0
11:00 AM	7.3	5.7	192.7	146.7
12:00 PM	10.0	2.0	177.0	194.3
1:00 PM	7.7	3.7	174.3	186.0
2:00 PM	13.3	5.0	198.5	236.3
3:00 PM	12.8	2.8	259.0	364.8
4:00 PM	12.0	2.8	254.3	419.8
5:00 PM	14.3	4.3	298.8	549.0
6:00 PM	8.3	2.0	260.8	375.0
7:00 PM	6.3	3.5	184.3	240.5
8:00 PM	6.5	1.3	135.0	143.3
9:00 PM	2.3	1.0	105.5	103.5
10:00 PM	2.0	0.0	58.5	53.8
11:00 PM	0.0	0.0	24.5	36.3
Totals	147.7	52.7	3840.5	3970.9
	1587.9			
12:00 AM - 12:00 PM		11:00 AM	8:00 AM	8:00 AM
Volume	8:00 AM	5.7	507.5	281.8
12:00 PM - 12:00 AM	16.3			
Volume	5:00 PM	2:00 PM	5:00 PM	5:00 PM
	14.3	5.0	298.8	549.0



Stop sign warrant:

- Major approach = 300 vph for 8 hours
- Minor approach = 200 vph for 8 hours

Russell Road Safety Options

- Parking lane stripes
- Crosswalks on Russell
 - Mansion & Beverly at bus stop
- Crosswalks on side streets



Russell Road Safety Options

- Speed Boards
- Signage
- "Adopt a curb extension" and plant vertical elements



Russell Road Safety Options

- Speed cushions
 - Project Champion – signatures
 - Installation guidelines
 - Possible phase II installation





Thank You

Questions????

Contact: Hillary.Poole@AlexandriaVA.gov

Cameron Mills at Monticello/ Summit



North Ridge Citizens' Association

